

**AMENDMENTS TO THE CLAIMS**

This Listing of claims will replace all prior versions, and listings of claims in the application:

Claims 1-30 (canceled)

Claim 31 (currently amended): A *Drosophila* clipped  $FRT^{2L2R}$  (cFRT<sup>2L2R</sup>) chromosome, wherein said chromosome is incapable of reacting with insensitive to a *P* transposase but capable of reacting with remains functional to a yeast site-specific flippase recombinase (FLP), comprising:

a *Drosophila* second chromosome main body; and

a clipped *P*[*FRT*] (cFRT) insertion on a right arm (cFRT<sup>2R</sup>) of said *Drosophila* second chromosome and a clipped *P*[*FRT*] (cFRT) insertion on a left arm (cFRT<sup>2L</sup>) of said *Drosophila* second chromosome, wherein both said cFRT<sup>2R</sup> and said cFRT<sup>2L</sup> are immobilized by said *P* transposase.

Claim 32 (currently amended): The *Drosophila* cFRT<sup>2L2R</sup> chromosome according to claim 31, wherein said *P*[*FRT*] insertions on a left arm is inserted into the 3' end of the base T at 240696 bp of the AE003781 clone with the P3' end facing the centromere before being clipped, and said *P*[*FRT*] insertion on a right arm is inserted into the 3' end of the base T at 11497 bp of the AE003789 clone with the P5' end pointing toward the telomere before being clipped.

Claim 33 (currently amended): The *Drosophila* cFRT<sup>2L2R</sup> chromosome according to claim 31, wherein said cFRT<sup>2L</sup> is an imprecise excision caused by a removal of P5' region and ~~most part~~ of a selection marker gene thereon, wherein a fragment from bases 26 to around 2070 of FBtp0000348 locus is deleted.

Claim 34 (previously presented): The *Drosophila* cFRT<sup>2L2R</sup> chromosome according to claim 31, wherein said cFRT<sup>2R</sup> is an imprecise excision caused by a removal of most of the P5' region and one of the FRT DNA repeats, wherein a fragment from bases 10 to 2821 of FBtp0000268 locus is deleted.